

Title (en)  
CUTTING DEVICE FOR GARDENING AND HORTICULTURE

Title (de)  
SCHNEIDEVORRICHTUNG FÜR DEN GARTENBAU

Title (fr)  
DISPOSITIF DE TAILLE UTILISE EN JARDINAGE ET EN HORTICULTURE

Publication  
**EP 0743817 B1 19981014 (EN)**

Application  
**EP 95909701 A 19950210**

Priority  
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• IT VI940021 A 19940211

Abstract (en)  
[origin: WO9521521A1] A cutting device, for gardening and horticulture, includes: two identical blades (2, 2'), each constituted by an elongated plate-like body which has a longitudinal axis (a, a') and two asymmetrical lateral cutting regions; guiding strips (14, 15) for keeping the blades (2, 2') partially superimposed and in mutual contact so that they can slide longitudinally; and a head (4) for connection to an external motor to make the blades move in a reciprocating manner in opposite directions (F, F') on the mutual contact plane. The cutting regions of each blade are constituted by a series of equidistant recesses (5, 6; 5', 6') whose plan shape is substantially a circular arc with the concavity directed towards the median axis (a, a'); each recess has a sharp edge (7, 8; 7', 8') that covers the entire extension of the arc, increasing cutting efficiency. A method for producing a blade entails that the edge sharpening operation is performed by chip-forming machining, without using polluting abrasives and grinding wheels, with a considerable economic and environmental benefit.

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